

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 1 of 49
Applicant's/Registrant's Name & Address;	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin			
ngredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
61-1	Product Identity and Composition	44157001	62719	OLD	
61-1	Product Identity and Composition	43233001	33660	OLD	
61-1	Product Identity and Composition	40743902	33660	OLD	
61-1	Product Identity and Composition	40743901	33660	OLD	
61-2(a)	Description of Materials Used to Produce the Product	44157001	62719	OLD	
61-2(a)	Description of Materials Used to Produce the Product	43233001	33660	OLD	
61-2(a)	Description of Materials Used to Produce the Product	40743902	33660	OLD	
61-2(a)	Description of Materials Used to Produce the Product	40743901	33660	OLD	
61-2(a)	Description of Production Process	44157001	62719	OLD	
61-2(a)	Description of Production Process	43233001	33660	OLD	
61-2(a)	Description of Production Process	40743902	33660	OLD	
61-2(a)	Description of Production Process	40743901	33660	OLD	
61-2(a)	Description of Formulation Process	44157001	62719	OLD	
61-2(a)	Description of Formulation Process	43233001	33660	OLD	
61-2(a)	Description of Formulation Process	40743902	33660	OLD	
61-2(a)	Description of Formulation Process	40743901	33660	OLD	
61-2(b)	Discussion of Formation of Impurities	44157001	62719	OLD	
61-2(b)	Discussion of Formation of Impurities	43233001	33660	OLD	
61-2(b)	Discussion of Formation of Impurities	40743902	33660	OLD	
signature:	0 -	Name and Title:			Date:
Thylea -	P. Breaux	Nneka T. B	reaux, Ph.D., Regulatory Manag	jer	12-Mar-12



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	Γ	DATA MATRIX			
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 2 of 49
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin			
ngredient: Trifluralin				-	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
61-2(b)	Discussion of Formation of Impurities	40743901	33660	OLD	
62-1	Prelimary Analysis	44277702	68156	OLD	
62-1	Prelimary Analysis	44277701	68156	OLD	
62-2	Certified Limits	43186901	62719	OLD	
62-3	Enforcement Analytical Method	43186901	62719	OWN	
63 Series	Physical & Chemical Characteristics	43143702	62719	OWN	
63-7	Density/Relative Density/Bulk Density	40453402	1471	OLD	
63-17	Storage Stability	44628201	62719	OWN	
63-20	Corrosion Characteristics	41792901	62719	OLD	
81-1	Acute Oral Tox	40822201	1471	OLD	
81-2	Acute Dermal Tox	40822202	1471	OLD	
81-3	Acute Inhalation Tox	00155261	1471	OLD	
81-4	Acute Eye Irritation	00056551	1471	OLD	
81-5	Acute Dermal Irritation	40822202	1471	OLD	
81-6	Skin Sensitization	00138224	1471	OLD	
81-5	Acute Dermal Irritation	40822202	1471	OLD	
81-6	Skin Sensitization	00138224	1471	OLD	
N/A	The Physiology and Mode of Action of the Dinitroaniline Herbicides Weed Science 25(1):79-87	00142372	1471	OLD	
N/A	Prediction of Trifluralin Diffusion Coefficients Weed Science 21(6):485-489	00142366	1471	OLD	



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DATA MATRIX Page 3 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: 9330 Zionsville Road **Technical Trifluralin** Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name** MRID Number Submitter Status Note N/A Ultraviolet Radiation of Solutions of Trifluralin 0014092 OLD 1471 Determination of Volatile Nitrosamine in Air: Pre-N/A 00125326 1471 OLD RPAR Review Submission #25 The Mode of Action of the Herbicide Trifluralin: N/A 00125316 1471 OLD RPAR Submission N/A A Gas Chromatographic Method for the Determination 00066195 OLD 1471 of Sencor and its Deanimated Diketo Metabolite in Sovbeans Synthesis and Chromatographic Application of Boned, N/A 00039275 1471 OLD Monomolecular Polymer Films on Silicic Supports N/A General Summary: Treflan 00032810 OLD 1471 Herbicidal Properties of Trifluralin Analogs. Weeds N/A 00032083 OLD 1471 Report Sheet Including Data on Use of Treflan N/A 00029838 1471 OLD Herbicide - Fish Special Study 00105728 NA 1471 OLD Trifluralin Technical - EPA Reg. No. 62719-099 Product Identity and Composition 61-1 44157001 62719 OLD 61-1 Product Identity and Composition 43233001 33660 OLD 61-1 Product Identity and Composition 40743902 33660 OLD



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DATA MATRIX Page 4 of 49 EPA Reg No./File: Date: March 12, 2012 68156-3 Applicant's/Registrant's Product: Dintec Agrichemicals Name & Address: 9330 Zionsville Road Technical Trifluralin Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **MRID Number** Submitter Status Note **Guideline Study Name** OLD 33660 61-1 Product Identity and Composition 40743901 61-2(a)Description of Materials Used to Produce the Product 44157001 62719 OLD OLD 43233001 33660 61-2(a) Description of Materials Used to Produce the Product 61-2(a)Description of Materials Used to Produce the Product 40743902 33660 OLD 40743901 33660 OLD 61-2(a)Description of Materials Used to Produce the Product OLD 61-2(a)Description of Production Process 44157001 62719 OLD 61-2(a) 43233001 33660 Description of Production Process OLD 61-2(a) Description of Production Process 40743902 33660 40743901 OLD 61-2(a) Description of Production Process 33660 OLD 61-2(a)Description of Formulation Process 44157001 62719 43233001 OLD 61-2(a) Description of Formulation Process 33660 OLD 33660 61-2(a)Description of Formulation Process 40743902 OLD 40743901 33660 61-2(a)Description of Formulation Process 61-2(b)Discussion of Formation of Impurities 44157001 62719 OLD 61-2(b)Discussion of Formation of Impurities 43233001 33660 OLD 61-2(b)40743902 33660 OLD Discussion of Formation of Impurities 40743901 33660 OLD 61-2(b)Discussion of Formation of Impurities Prelimary Analysis 44277702 68156 OLD 62-1 44277701 OLD 62-1 Prelimary Analysis 68156 62-2 Certified Limits 43186901 62719 OLD Enforcement Analytical Method 43186901 62719 OWN 62-3 OWN Physical & Chemical Characteristics 43143702 62719 63 Series



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DATA MATRIX Page 5 of 49 EPA Reg No./File: Date: March 12, 2012 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference Guideline Study Name** MRID Number Submitter Status Note Number OLD 63-7 Density/Relative Density/Bulk Density 40453402 1471 44628201 62719 OWN 63-17 Storage Stability OLD 41792901 62719 63-20 Corrosion Characteristics OLD 40822201 1471 81-1 Acute Oral Tox OLD 81-2 40822202 1471 Acute Dermal Tox OLD 81-3 Acute Inhalation Tox 00155261 1471 81-4 00056551 1471 OLD Acute Eye Irritation 1471 OLD 81-5 Acute Dermal Irritation 40822202 00138224 1471 OLD 81-6 Skin Sensitization OLD 40822202 81-5 Acute Dermal Irritation 1471 OLD 00138224 81-6 Skin Sensitization 1471 N/A The Physiology and Mode of Action of the 00142372 1471 OLD Dinitroaniline Herbicides Weed Science 25(1):79-87 Prediction of Trifluralin Diffusion Coefficients OLD N/A 00142366 1471 Weed Science 21(6):485-489 Ultraviolet Radiation of Solutions of Trifluralin 0014092 1471 OLD N/A Determination of Volatile Nitrosamine in Air: Pre-OLD 00125326 1471 N/A RPAR Review Submission #25 The Mode of Action of the Herbicide Trifluralin: 00125316 1471 OLD N/A RPAR Submission



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

	DAT	A MATRIX			
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 6 of 49
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product:			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	A Gas Chromatographic Method for the Determination of Sencor and its Deanimated Diketo Metabolite in Soybeans	00066195	1471	OLD	
N/A	Synthesis and Chromatographic Application of Boned, Monomolecular Polymer Films on Silicic Supports	00039275	1471	OLD	
N/A	General Summary: Treflan	00032810	1471	OLD	
N/A	Herbicidal Properties of Trifluralin Analogs. Weeds	00032083	1471	OLD	
N/A	Report Sheet Including Data on Use of Treflan Herbicide - Fish	00029838	1471	OLD	
NA	Special Study	00105728	1471	OLD	
Generic Trifluralin			TDDC - Trifluralin Data De	velopment Consc	ortium
71-1	Acute Dietary Tox	00027401	1471	OLD	
71-1(a)	Acute Avian Oral Toxicity - Bobwhite Quail	00137573	1471	OLD	
71-2(a)	Avian Dietary Tox	00138857	1471	OLD	
71-2(b)	Avian Dietary Tox	00138858	1471	OLD	
71-4(a)	Avian Reproduction	00131134	1471	OLD	
71-4(b)	Avian Reproduction	00131132	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00165223	1471	OLD	



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DATA MATRIX Page 7 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: Dintec Agrichemicals Name & Address: 9330 Zionsville Road **Technical Trifluralin** Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name** MRID Number Submitter Status Note 72-1 Fish Acute Tox, Freshwater and Marine 00155975 1471 OLD 72-1 Fish Acute Tox, Freshwater and Marine 00155974 1471 OLD OLD 72-1 00105736 Fish Acute Tox, Freshwater and Marine 1471 72-1 Fish Acute Tox, Freshwater and Marine 00124897 1471 OLD 72 - 1Fish Acute Tox, Freshwater and Marine 00108273 OLD 1471 72 - 1Fish Acute Tox, Freshwater and Marine 00105768 1471 OLD 72 - 1OLD Fish Acute Tox, Freshwater and Marine 00104847 1471 72 - 1Fish Acute Tox, Freshwater and Marine 00105763 1471 OLD 72 - 100091282 OLD Fish Acute Tox, Freshwater and Marine 1471 72 - 1Fish Acute Tox, Freshwater and Marine 00083649 1471 OLD 72-1 00076446 OLD Fish Acute Tox, Freshwater and Marine 1471 OLD 72 - 1Fish Acute Tox, Freshwater and Marine 00058737 1471 72-1 OLD Fish Acute Tox, Freshwater and Marine 1471 00105767 72-1 Fish Acute Tox, Freshwater and Marine 00105709 1471 OLD 72 - 1Fish Acute Tox, Freshwater and Marine 00105778 1471 OLD 72 - 1Fish Acute Tox, Freshwater and Marine 00105761 1471 OLD Fish Acute Tox, Freshwater and Marine 1471 OLD 72 - 100105766 72-3 Mysid Acute Tox 40674801 1471 OLD OLD 72-3 Mysid Acute Tox 00165225 1471 72-3(a) Fish Acute Tox, Freshwater and Marine WAIVER TDDC PER Fish Acute Tox, Freshwater and Marine 42449901 TDDC PER 72-3(a)

WAIVER

TDDC

Fish Acute Tox. Freshwater and Marine

72-3(b)

PER



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DATA MATRIX Page 8 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: 9330 Zionsville Road **Technical Trifluralin** Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name** MRID Number Submitter Status Note 72-3(b) Fish Acute Tox, Freshwater and Marine 42449902 **TDDC** PER 72-4 Fish Early Life Stage Tox 42439601 PER TDDC 72-4 Fish Early Life Stage Tox 41386202 62719 OLD 72-4 OLD Fish Early Life Stage Tox 00105688 1471 72-4 OLD Fish Early Life Stage Tox 00081054 1471 72-4 Fish Early Life Stage Tox 00053775 1471 OLD 72-4 OLD Fish Early Life Stage Tox 00029839 1471 72 - 400027401 1471 OLD Fish Early Life Stage Tox 72-4 Fish Early Life Stage Tox OLD 00024296 1471 72-4(b) Daphnid Chronic Tox 41386201 62719 OLD 72-7 Field Testing for Aquatic Organisms 42705401 62719 OLD 72-7 Field Testing for Aquatic Organisms 40809601 1471 OLD 72 - 7Field Testing for Aquatic Organisms 05001497 1471 OLD 72-7 Field Testing for Aquatic Organisms 00165223 OLD 1471 72-7 Field Testing for Aquatic Organisms 00145029 1471 OLD 72-7 Field Testing for Aquatic Organisms 00105763 1471 OLD 72-7 Field Testing for Aquatic Organisms 00105736 OLD 1471 An Assessment of the Potential Hazard to Aquatic N/A 00144920 1471 OLD Organisms Resulting from the Agricultural Use of Treflan: a Response to EPA's PD4 Requirement for a Field Monitoring Study



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

DATA MATRIX							
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 9 of 49		
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product:					
ngredient: Trifluralin							
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
N/A	Meeting with Representatives of Eli 1471 & Co Treflan (Unpublished study received on unknown date under unknown admin no.; prepared by U.S. Fish and Wildlife Service Div. of Sport Fisheries, Fish-Pesticide Research Laboratory	00029837	1471	OLD			
82-1(a)	90-Day Oral Tox in Rodents	41086101	1471	OLD			
82-1(a)	90-Day Oral Tox in Rodents	40411904	1471	OLD			
82-1(a)	90-Day Oral Tox in Rodents	00157156	1471	OLD			
82-1(a)	90-Day Oral Tox in Rodents	00157155	1471	OLD			
82-1(a)	90-Day Oral Tox in Rodents	00157154	1471	OLD			
82-1(a)	90-Day Oral Tox in Rodents	00124897	1471	OLD			
82-1(a)	90-Day Oral Tox in Rodents	00119043	1471	OLD			
82-1(a)	90-Day Oral Tox in Rodents	00105739	1471	OLD			
82-1(b)	90 Day Feeding Study in the Non Rodent	40411904	1471	OLD			
82-1(b)	90 Day Feeding Study in the Non Rodent	00165219	1471	OLD			
82-1(b)	90 Day Feeding Study in the Non Rodent	00134326	1471	OLD			
82-1(b)	90 Day Feeding Study in the Non Rodent	00105739	1471	OLD			
82-2	21/28 Day Dermal Toxicity	44135105	62719	OLD			
82-2	21/28 Day Dermal Toxicity	44135106	62719	OLD			
82-2	21/28 Day Dermal Toxicity	40279601	1471	OLD			
82-2	21/28 Day Dermal Toxicity	00152888	1471	OLD			
82-2	21/28 Day Dermal Toxicity	00149189	1471	OLD			



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DATA MATRIX Page 10 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin Guideline Reference Number **Guideline Study Name** MRID Number Submitter Status Note 82-3 90 Day Dermal Toxicity 00105764 1471 OLD 90 Day Dermal Toxicity 00105762 1471 OLD 82-3 82-3 90 Day Dermal Toxicity 00079063 1471 OLD 00165219 OLD 83-1 Chronic Toxicity 1471 OLD 83-1 Chronic Toxicity 00124894 1471 83-1 Chronic Toxicity 00105719 1471 OLD 83-1 OLD Chronic Toxicity 00081056 1471 83-1 00081053 OLD Chronic Toxicity 1471 OLD 00076447 1471 83-1 Chronic Toxicity 83-1 Chronic Toxicity 00058737 1471 OLD 40138301 83-1(a) Chronic Toxicity - Rodent 1471 OLD 83-1(a) Chronic Toxicity - Rodent 00124309 1471 OLD 00062607 83-1(a) Chronic Toxicity - Rodent 1471 OLD 00044338 83-1(a) Chronic Toxicity - Rodent 1471 OLD 83-1(a) Chronic Toxicity - Rodent 00044337 1471 OLD OLD 83-1(a) Chronic Toxicity - Rodent 00104127 1471 83-1(b) Chronic Toxicity - Non Rodent 42447001 62719 OLD OLD 83-1(b) Chronic Toxicity - Non Rodent 00104127 1471 83-1(b) Chronic Toxicity - Non Rodent 00083645 1471 OLD 00124928 OLD 83-2 Carcinogenicity 1471 OLD 83-2 Carcinogenicity 00124899 1471 83-2 Carcinogenicity 00124894 1471 OLD



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

DATA MATRIX							
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 11 of 49		
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product:	Product: Technical Trifluralin				
ngredient: Trifluralin							
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
83-2	Carcinogenicity	00124889	1471	OLD			
83-2	Carcinogenicity	00062665	1471	OLD			
83-2	Carcinogenicity	00062606	1471	OLD			
83-2	Carcinogenicity	00044337	1471	OLD			
83-3	Prenatal Development Tox	00165219	1471	OLD			
83-3	Prenatal Development Tox	00119043	1471	OLD			
83-3	Prenatal Development Tox	00083647	1471	OLD			
83-3	Prenatal Development Tox	00058737	1471	OLD			
83-3(a)	Prenatal Developmental Tox - Rats	00152419	1471	OLD			
83-3(a)	Prenatal Developmental Tox - Rats	00147143	1471	OLD			
83-3(a)	Prenatal Developmental Tox - Rats	00134324	1471	OLD			
83-3(b)	Prenatal Developmental Tox - Rabbit	00152421	1471	OLD			
83-3(b)	Prenatal Developmental Tox - Rabbit	00152420	1471	OLD			
83-3(b)	Prenatal Developmental Tox - Rabbit	00133422	1471	OLD			
83-4	Reproduction and Fertility Effects	44135107	62719	OLD			
83-4	Reproduction and Fertility Effects	00165219	1471	OLD			
83-4	Reproduction and Fertility Effects	00162543	1471	OLD			
83-4	Reproduction and Fertility Effects	00144552	1471	OLD			
83-4	Reproduction and Fertility Effects	00134325	1471	OLD			
83-4	Reproduction and Fertility Effects	00133422	1471	OLD			
83-4	Reproduction and Fertility Effects	00133418	1471	OLD			
83-4	Reproduction and Fertility Effects	00124895	1471	OLD			



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DATA MATRIX Page 12 of 49 EPA Reg No./File: 68156-3 Date: March 12, 2012 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference Submitter Status** Note Number Guideline Study Name **MRID Number** 00119043 1471 OLD 83-4 Reproduction and Fertility Effects OLD 00083646 1471 83-4 Reproduction and Fertility Effects OLD Reproduction and Fertility Effects 00081056 1471 83-4 00058737 1471 OLD 83-4 Reproduction and Fertility Effects OLD 1471 84-2(a) Gene Mutation 41000301 00133426 1471 OLD 84-2(a)Gene Mutation 1471 OLD 00133425 84-2(a) Gene Mutation OLD 00129060 1471 84-2(a) Gene Mutation 1471 OLD 00129059 Gene Mutation 84-2(a) OLD 00126662 1471 84-2(a) Gene Mutation OLD 84-2(a) Gene Mutation 00126661 1471 00126660 1471 OLD 84-2(a)Gene Mutation OLD 00126659 1471 84-2(a) Gene Mutation OLD 00125315 1471 84-2(a) Gene Mutation OLD 00125312 1471 84-2(a) Gene Mutation OLD 84-2(a) Gene Mutation 00124901 1471 Metabolsim and Pharmacokinetics 41218901 1471 OLD 85-1 OLD 00124920 1471 85-1 Metabolsim and Pharmacokinetics OLD Metabolsim and Pharmacokinetics 00124900 1471 85 - 100124897 OLD 1471 85-1 Metabolsim and Pharmacokinetics OLD 85-1 Metabolsim and Pharmacokinetics 00105760 1471

00105743

1471

OLD

Metabolsim and Pharmacokinetics

85-1



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

DATA MATRIX							
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 13 of 49		
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin					
ngredient: Trifluralin							
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
85-1	Metabolsim and Pharmacokinetics	00081055	1471	OLD			
85-1	Metabolsim and Pharmacokinetics	00080324	1471	OLD			
85-1	Metabolsim and Pharmacokinetics	00080320	1471	OLD			
85-1	Metabolsim and Pharmacokinetics	00080319	1471	OLD			
85-2	Dermal Penetration	40673701	1471	OLD			
86-1	Companion Animal Safety	00124898	1471	OLD			
86-1	Companion Animal Safety	00083652	1471	OLD	· ·		
86-1	Companion Animal Safety	00080322	1471	OLD			
86-1	Companion Animal Safety	00080321	1471	OLD			
86-1	Companion Animal Safety	00080318	1471	OLD			
86-1	Companion Animal Safety	00058737	1471	OLD			
N/A	Human Poisoning: Case Histories	00165222	1471	OLD			
N/A	Trifluralin Part II: Absorption Studies in Man	00165221	1471	OLD			
N/A	Acute Oral Toxicity to Mice: Trifluralin Summary	00165220	1471	OLD			
N/A	Review of Rat and Rabbit Teratology Studies of Trifluralin (EL-152)	00151241	1471	OLD			
N/A	A Teratology Study of Trifluralin Administered Orally to Dutch Belted Rabbits: Interim Report	00147142	1471	OLD			
N/A	A Generation Study in Wistar Rats Given Trifluralin in the Diet: Interim Report	00147141	1471	OLD			
N/A	Genetic Toxicology Studies with Trifluralin (Compound 36352): Summary	00133424	1471	OLD			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

DATA MATRIX						
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 14 of 49	
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin				
ngredient: Trifluralin						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
N/A	Induction of Gene Conversion in Diploid Yeast by Chemicals: Correlation with Mutagenic Action and its Relevance in Genotoxicity Screening	00125313	1471	OLD		
N/A	Preliminary Risk Estimates for Treflan Applicators from NDPA Inhalation: Pre-RPAR Review Submission #12	00124930	1471	OLD		
N/A	Additional NDPA Monitoring Studies: Pre-RPAR Review Submission #1	00124929	1471	OLD		
N/A	Protocols for Chronic Toxicity/Oncogenic Evaluation of Trifluralin in Rats and Mice: Pre-RPAR Review Submission #6	00124927	1471	OLD		
N/A	Minutes: Sixth Meeting of the Data Evaluation/Risk Assessment Subgroup of the Clearinghouse on Environmental Carcinogens; November 28, 1977, Bethesda, MD: Pre-RPAR Review Submission #11	00124925	1471	OLD		
N/A	The Assessment of Risk Resulting From Exposure to the Nitrosamine Impurity in Treflan EC: Pre-RPAR Review Submission #17	00124921	1471	OLD		
N/A	Occupational Hazards in the Handling of Trifluralin: Pre-RPAR Review Submission #3	00124896	1471	OLD		



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DATA MATRIX Page 15 of 49 EPA Reg No./File: Date: March 12, 2012 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference MRID Number** Submitter **Status** Note Number **Guideline Study Name** The Toxicology of Trifluralin: Pre RPAR Review 00124893 1471 OLD N/A Submission #3 Treflan EC Air Monitoring Experiments: Photographs OLD 00124888 1471 N/A OLD A Teratology Study in Dutch Belted Rabbits Given 00119041 N/A 1471 Oral Doses of Trifluralin A Generation Study in Wistar Rats Given Trifluralin in 00119040 1471 OLD N/A A Dominant Lethal Study in Wistar Rats Given Oral OLD 00119039 1471 N/A Doses of Trifluralin Long-Term Feeding Studies in Rats with Trifluralin OLD N/A 00105779 1471 The Toxicology of Some Metabolites of Trifluralin 00083648 1471 OLD N/A The Toxicity of Trifluralin, Treflan, an Herbicide to OLD 00082340 1471 N/A Mammals and Chickens The Toxicity of Trifluralin, Treflan, an Herbicide to 00080325 1471 OLD N/A Mammals and Chickens General Summary: Toxicity of Trifluralin. Summary 00076445 1471 OLD N/A of studies 090692-C and 090692-D The Toxicity of Trifluralin 1960-1966 00076444 OLD 1471 N/A OLD 00024637 1471 N/A The Toxicologic Evaluation of Benefin and Trifluralin 40411905 1471 OLD 121-1 Target Area Phytotoxicity



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DATA MATRIX Page 16 of 49 EPA Reg No./File: Date: March 12, 2012 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: 9330 Zionsville Road **Technical Trifluralin** Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name** MRID Number Submitter **Status** Note OLD 121-1 00142364 1471 Target Area Phytotoxicity 121-1 Target Area Phytotoxicity 00142363 1471 OLD 00140740 OLD 121-1 Target Area Phytotoxicity 1471 121-1 Target Area Phytotoxicity 00140738 1471 OLD 121-1 Target Area Phytotoxicity 00140736 1471 OLD 121-1 Target Area Phytotoxicity 00140732 1471 OLD 121-1 Target Area Phytotoxicity 00136795 1471 OLD 121-1 OLD Target Area Phytotoxicity 00136794 1471 121-1 Target Area Phytotoxicity 00136793 1471 OLD OLD 121-1 Target Area Phytotoxicity 00136792 1471 121-1 Target Area Phytotoxicity 00136791 1471 OLD 121-1 Target Area Phytotoxicity OLD 00136789 1471 121-1 Target Area Phytotoxicity 00136788 1471 OLD 00136772 121-1 Target Area Phytotoxicity 1471 OLD OLD 121-1 Target Area Phytotoxicity 00134431 1471 121-1 Target Area Phytotoxicity 00133940 1471 OLD Target Area Phytotoxicity OLD 121-1 00130154 1471 121-1 Target Area Phytotoxicity 00125317 1471 OLD Target Area Phytotoxicity 00106722 1471 OLD 121-1 121-1 Target Area Phytotoxicity 00106720 1471 OLD 121-1 Target Area Phytotoxicity 00106719 1471 OLD OLD 121-1 Target Area Phytotoxicity 00106718 1471



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DATA MATRIX Page 17 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin Guideline Reference Number Guideline Study Name MRID Number Submitter Status Note 00106717 OLD 121-1 Target Area Phytotoxicity 1471 121-1 Target Area Phytotoxicity 00106713 1471 OLD Target Area Phytotoxicity 00106712 OLD 121-1 1471 00106711 121-1 Target Area Phytotoxicity 1471 OLD 121-1 Target Area Phytotoxicity 00106709 1471 OLD 00106705 OLD 121-1 Target Area Phytotoxicity 1471 121-1 Target Area Phytotoxicity 00105789 1471 OLD OLD 00105781 121-1 Target Area Phytotoxicity 1471 121-1 Target Area Phytotoxicity 00105774 1471 OLD 00105770 OLD 121-1 Target Area Phytotoxicity 1471 121-1 Target Area Phytotoxicity 00105758 1471 OLD 00105747 OLD 121-1 Target Area Phytotoxicity 1471 121-1 Target Area Phytotoxicity 00105731 1471 OLD 00105711 121-1 Target Area Phytotoxicity 1471 OLD Target Area Phytotoxicity 00105703 121-1 1471 OLD 121-1 Target Area Phytotoxicity 00105701 1471 OLD Target Area Phytotoxicity 00105700 121-1 1471 OLD 121-1 Target Area Phytotoxicity 00105699 1471 OLD Target Area Phytotoxicity 00105686 OLD 121-1 1471 121-1 Target Area Phytotoxicity 00105685 1471 OLD Target Area Phytotoxicity 00105684 1471 OLD 121-1

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Target Area Phytotoxicity

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DATA MATRIX Page 18 of 49 EPA Reg No./File: Date: March 12, 2012 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference MRID Number** Submitter Status Note Number **Guideline Study Name** OLD 121-1 00105680 1471 Target Area Phytotoxicity OLD 00105656 1471 121-1 Target Area Phytotoxicity OLD Target Area Phytotoxicity 00105652 1471 121-1 OLD 00105651 1471 Target Area Phytotoxicity 121-1 OLD 00105647 1471 121-1 Target Area Phytotoxicity OLD Target Area Phytotoxicity 00066087 1471 121-1 00037771 464 OLD 121-1 Target Area Phytotoxicity OLD 00033950 1471 121-1 Target Area Phytotoxicity 1471 OLD 00031805 121-1 Target Area Phytotoxicity OLD 00030998 1471 121-1 Target Area Phytotoxicity OLD 00030211 1471 121-1 Target Area Phytotoxicity 121-1 00027257 1471 OLD Target Area Phytotoxicity 00027256 OLD 121-1 Target Area Phytotoxicity 1471 00026880 OLD 1471 121-1 Target Area Phytotoxicity OLD 121-1 Target Area Phytotoxicity 00026684 464 1471 OLD 121-1 Target Area Phytotoxicity 00026651 Target Area Phytotoxicity 00026530 1471 OLD 121-1 00024493 1471 OLD 121-1 Target Area Phytotoxicity OLD Target Area Phytotoxicity 00023056 1471 121-1 00022227 1471 OLD 121-1 Target Area Phytotoxicity OLD 121-1 Target Area Phytotoxicity 00020711 1471 00012176 1471 OLD 121-1 Target Area Phytotoxicity



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DATA MATRIX Page 19 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference MRID Number** Status Number **Guideline Study Name** Submitter Note 121-1 Target Area Phytotoxicity 00003260 1471 OLD OLD 121-1 Target Area Phytotoxicity 00003258 1471 121-1 Target Area Phytotoxicity 00003257 1471 OLD 121-1 Target Area Phytotoxicity 00003243 1471 OLD OLD 121-1 Target Area Phytotoxicity 00003242 1471 Target Area Phytotoxicity 00002805 OLD 121-1 1471 OLD 121-1 Target Area Phytotoxicity 00002804 1471 121-1 Target Area Phytotoxicity 00002803 OLD 1471 OLD 121-1 Target Area Phytotoxicity 00002802 1471 121-1 Target Area Phytotoxicity 00002800 1471 OLD OLD 121-1 Target Area Phytotoxicity 00002799 1471 121-1 Target Area Phytotoxicity 00002798 1471 OLD OLD 121-1 00002769 1471 Target Area Phytotoxicity OLD 121-1 Target Area Phytotoxicity 00002758 1471 121-1 Target Area Phytotoxicity 00002757 1471 OLD 00002756 OLD 121-1 Target Area Phytotoxicity 1471 121-1 Target Area Phytotoxicity 00002753 1471 OLD 00002752 1471 OLD 121-1 Target Area Phytotoxicity 121-1 Target Area Phytotoxicity 00002750 1471 OLD 121-1 Target Area Phytotoxicity 00002749 1471 OLD 121-1 Target Area Phytotoxicity 00002748 1471 OLD

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Target Area Phytotoxicity

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DATA MATRIX Page 20 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: 9330 Zionsville Road **Technical Trifluralin** Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name** MRID Number Submitter Status Note 00002739 121-1 1471 OLD Target Area Phytotoxicity 121-1 Target Area Phytotoxicity 00002738 1471 OLD 00002737 OLD 121-1 Target Area Phytotoxicity 1471 121-1 Target Area Phytotoxicity 00002736 1471 OLD 121-1 Target Area Phytotoxicity 00002735 1471 OLD 00002734 OLD 121-1 Target Area Phytotoxicity 1471 121-1 00002733 1471 OLD Target Area Phytotoxicity 00002732 OLD 121-1 Target Area Phytotoxicity 1471 Target Area Phytotoxicity 00002731 1471 OLD 121-1 121-1 Target Area Phytotoxicity 00002730 1471 OLD 121-1 Target Area Phytotoxicity 00002729 OLD 1471 OLD 00002728 1471 121-1 Target Area Phytotoxicity OLD 121-1 Target Area Phytotoxicity 00002726 1471 121-1 Target Area Phytotoxicity 00002725 1471 OLD 121-1 Target Area Phytotoxicity 00002724 1471 OLD 121-1 Target Area Phytotoxicity 00002722 1471 OLD Target Area Phytotoxicity 00002721 1471 OLD 121-1 121-1 Target Area Phytotoxicity 00002720 1471 OLD 00002719 121-1 Target Area Phytotoxicity 1471 OLD 121-1 Target Area Phytotoxicity 00002718 1471 OLD Target Area Phytotoxicity 00002717 OLD 121-1 1471

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Target Area Phytotoxicity

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DATA MATRIX Page 21 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name MRID Number** Submitter Status Note 121-1 00002715 1471 OLD Target Area Phytotoxicity 121-1 Target Area Phytotoxicity 00002714 1471 OLD 121-1 Target Area Phytotoxicity 00002713 OLD 1471 OLD: 121-1 Target Area Phytotoxicity 00002712 1471 121-1 Target Area Phytotoxicity 00002711 1471 OLD 121-1 00002710 OLD Target Area Phytotoxicity 1471 121-1 Target Area Phytotoxicity 00002709 1471 OLD OLD 121-1 Target Area Phytotoxicity 00002708 1471 OLD 121-1 Target Area Phytotoxicity 00002707 1471 121-1 Target Area Phytotoxicity 00002706 1471 OLD 121-1 Target Area Phytotoxicity 00002705 1471 OLD 121-1 1471 OLD Target Area Phytotoxicity 00002704 121-1 Target Area Phytotoxicity 00002703 1471 OLD 121-1 Target Area Phytotoxicity 00002702 1471 OLD Target Area Phytotoxicity OLD 121-1 00002701 1471 121-1 Target Area Phytotoxicity 00002700 1471 OLD Target Area Phytotoxicity 121-1 00002698 1471 OLD 121-1 Target Area Phytotoxicity 00002697 1471 OLD 121-1 Target Area Phytotoxicity 00002696 1471 OLD Target Area Phytotoxicity 121-1 00002695 1471 OLD 121-1 Target Area Phytotoxicity 00002585 1471 OLD 121-1 Target Area Phytotoxicity 00002573 1471 OLD



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DATA MATRIX						
Date: March 12, 2012		EPA Reg No./File:	EPA Reg No./File: 68156-3			
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product:	Technical Trifluralin			
ngredient: Trifluralin						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
121-1	Target Area Phytotoxicity	00002572	1471	OLD		
121-1	Target Area Phytotoxicity	00002571	1471	OLD		
121-1	Target Area Phytotoxicity	00002570	1471	OLD		
121-1	Target Area Phytotoxicity	00002567	1471	OLD		
122-1(a)	Terrestrial Plant Tox, Tier I (Seedling Emergence)	00142367	1471	OLD		
122-1(b)	Terrestrial Plant Tox, Tier I (Vegetative Vigor)	00142367	1471	OLD		
122-1(a)	Tier I: Seed / Seedling Germination	41934501	TDDC	PER		
122-1(a)	Terrestrial Plant Tox, Tier I (Seedling Emergence)	00142367	1471	OLD		
122-1(a)	Terrestrial Plant Toxicity, Tier I (seedling emergence)	00141258	1471	OLD		
122-1(b)	Terrestrial Plant Tox, Tier I (Vegetative Vigor)	00142367	1471	OLD		
122-1(b)	Terrestrial Plant Toxicity, Tier I (vegetative vigor)	00141258	1471	OLD		
122-2	Aquatic Plant Toxicity Test Using Lemna spp. Tiers I and II	41934502	TDDC	PER		
122-2	Aquatic Plant Toxicity Test Using Lemna spp. Tiers I and II	41536201	62719	OLD		
122-2	Aquatic Plant Toxicity Test Using Lemna spp. Tiers I and II	41386203	62719	OLD		
123-1(b)	Tier II: Vegetative Vigor	42695601	62719	OLD		
123-1(b)	Tier II: Vegetative Vigor	41934503	TDDC	OLD		
123-2	Algal Toxicity, Tiers I and II	47807006	62719	OLD		
123-2	Algal Toxicity, Tiers I and II	47807005	62719	OLD		



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	DAT	A MATRIX			
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 23 of 49
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin			
ngredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
123-2	Algal Toxicity, Tiers I and II	42834104	62719	OLD	
123-2	Tier II: Aquatic Plant Growth	42834103	62719	OLD	
123-2	Algal Toxicity, Tiers I and II	42834102	62719	OLD	
123-2	Algal Toxicity, Tiers I and II	42834101	62719	OLD	
133-4	Inhalation Passive Dosimetry Exposure	00145261	1471	OLD	
N/A	Effects of Trifluralin and its Formulations on Microorganisms	00165224	1471	OLD	
N/A	Accumulation of Six Dinitroaniline Herbicides in an Aquatic Microecosystem	00144091	1471	OLD	
N/A	The Influence of the Herbicide Trifluralin on Flagellar Regeneration in Chlamydomonas Experimental Cell Research 119:99-109	00142377	1471	OLD	
N/A	Binding of the Herbicide Trifluralin to Chlamydomonas Flagellar Tubulin J. Cell Sci. 24:351-360	00142376	1471	OLD	
N/A	Trifluralin Data Call-In Ecological Effects Field Monitoring Study. Seventeen-Month Interim Report	00138616	1471	OLD	
N/A	The Influence of the Herbicide Trifluralin on Flagellar Regeneration in Chlamydomonas	00125319	1471	OLD	
N/A	Binding of the Herbicide Trifluralin to Chlamydomonas Flagellar Tubulin	00125318	1471	OLD	



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DATA MATRIX Page 24 of 49 EPA Reg No./File: 68156-3 Date: March 12, 2012 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name** MRID Number Submitter **Status** Note 00124922 1471 OLD N/A Toxicity of Treflan to Earthworms: Pre-RPAR Review Submission #18 161-1 00141110 1471 OLD Hydrolysis OLD 00141106 161-1 Hydrolysis 1471 OLD 161-1 Hydrolysis 00131135 1471 00131130 1471 OLD 161-1 Hydrolysis OLD 161-1 00127913 1471 Hydrolysis OLD 00125302 1471 161-1 Hydrolysis OLD 00124913 1471 161-1 Hydrolysis OLD 00124909 1471 161-1 Hydrolysis OLD 161-2 Photodegradation in Water 40560101 1471 00165218 1471 OLD 161-2 Photodegradation in Water OLD 00165217 1471 161-2 Photodegradation in Water OLD 161-2 Photodegradation in Water 00142370 1471 40751301 1471 OLD 161-3 Photodegradation on Soil OLD 161-3 Photodegradation on Soil 40597801 1471 00165218 OLD 161-3 Photodegradation on Soil 1471 OLD 161-3 Photodegradation on Soil 00165217 1471 00144921 1471 OLD Photodegradation on Soil 161-3 OLD 1471 161-3 Photodegradation on Soil 00144093 161-3 Photodegradation on Soil 00142368 1471 OLD

00141111

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1471

Photodegradation on Soil

161-3



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DATA MATRIX Page 25 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: 9330 Zionsville Road **Technical Trifluralin** Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name** MRID Number Submitter **Status** Note 161-3 Photodegradation on Soil 00141103 1471 OLD 161-3 Photodegradation on Soil 00141103 1471 OLD 161-3 00124909 OLD Photodegradation on Soil 1471 00114837 161-3 Photodegradation on Soil 464 OLD 161-3 Photodegradation on Soil 00094033 1471 OLD 161-3 00094032 Photodegradation on Soil 1471 OLD 161-3 Photodegradation on Soil 00002596 OLD 1471 161-4 00141258 Photodegradation in Air 1471 OLD 161-4 Photodegradation in Air 00124910 1471 OLD OLD 161-4 Photodegradation in Air 00094033 1471 162-1 Aerobic Soil Metabolism 41240501 OLD 1471 162-1 00165218 Aerobic Soil Metabolism OLD 1471 162-1 00165217 OLD Aerobic Soil Metabolism 1471 162-1 Aerobic Soil Metabolism 00124912 1471 OLD 00124911 162-1 Aerobic Soil Metabolism 1471 OLD 162-1 Aerobic Soil Metabolism 00105759 1471 OLD 00094032 162-1 Aerobic Soil Metabolism 1471 OLD 162-2 Anaerobic Soil Metabolism Study 41240502 1471 OLD 162-2 Anaerobic Soil Metabolism Study 00165218 OLD 1471 162-2 Anaerobic Soil Metabolism Study 00165217 1471 OLD 163-1 Leaching and Adsorption / Desorption 40673501 OLD 1471 163-1 Leaching and Adsorption / Desorption 40411905 1471 OLD



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DATA MATRIX							
Date: March 12, 2012	Date: March 12, 2012		68156-3		Page 26 of 49		
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin					
Ingredient: Trifluralin							
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
163-1	Leaching and Adsorption / Desorption	05001264	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00144922	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00142378	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00142374	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00142361	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00141258	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00128974	464	OLD			
163-1	Leaching and Adsorption / Desorption	00125302	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00124915	1471	OLD			
163-1	Leaching and Adsorption/Desorption	00124914	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00111528	464	OLD			
163-1	Leaching and Adsorption / Desorption	00105772	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00105759	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00077676	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00044006	464	OLD			
163-1	Leaching and Adsorption/Desorption	00002805	1471	OLD			
163-1	Leaching and Adsorption/Desorption	00002804	1471	OLD			
163-1	Leaching and Adsorption/Desorption	00002803	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00002596	1471	OLD			
163-1	Leaching and Adsorption / Desorption	00002536	1471	OLD			
163-2	Laboratory Volatility Study	43915701	68156	OLD			
163-2	Laboratory Volatility Study	40673601	1471	OLD			



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DATA MATRIX Page 27 of 49 EPA Reg No./File: Date: March 12, 2012 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin Guideline Reference **MRID Number Status** Number **Guideline Study Name** Submitter Note Laboratory Volatility Study 00144919 1471 OLD 163-2 00142368 1471 OLD 163-2 Laboratory Volatility Study 00141258 1471 OLD 163-2 Laboratory Volatility Study OLD 40673601 1471 163-3 Field Volatility Study OLD 164-1 Soil Field Dissipation Study 42309101 62719 41781901 62719 OLD 164-1 Soil Field Dissipation Study OLD Soil Field Dissipation Study 41661101 62719 164-1 05001264 1471 OLD 164-1 Soil Field Dissipation Study OLD 00144922 Soil Field Dissipation Study 1471 164-1 00131137 1471 OLD 164-1 Soil Field Dissipation Study Soil Field Dissipation Study 00125299 1471 OLD 164-1 00124916 1471 OLD 164-1 Soil Field Dissipation Study 00124916 1471 OLD 164-1 Soil Field Dissipation Study Soil Field Dissipation Study 00124914 1471 OLD 164-1 00124902 1471 OLD 164-1 Soil Field Dissipation Study 164-1 Soil Field Dissipation Study 00106717 1471 OLD 00106709 OLD Soil Field Dissipation Study 1471 164-1 00106705 OLD 164-1 Soil Field Dissipation Study 1471 Soil Field Dissipation Study 00105772 OLD 1471 164-1 OLD 00105759 164-1 Soil Field Dissipation Study 1471 Soil Field Dissipation Study 00105753 1471 OLD 164-1 00105752 1471 OLD 164-1 Soil Field Dissipation Study



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	D	ATA MATRIX			
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 28 of 49
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product:			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation Study	00105694	1471	OLD	
164-1	Soil Field Dissipation Study	00086412	1471	OLD	
164-1	Soil Field Dissipation Study	00044006	464	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00155978	1471	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00155972	1471	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00147144	1471	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00145282	1471	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00130004	1471	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00018122	1471	OLD	
164-5	Long Term Soil Dissipation Study	00142362	1471	OLD	
164-5	Long Term Soil Dissipation Study	00141257	1471	OLD	
165-1	Confined Rotational Crop Study	41661102	62719	OLD	
165-1	Confined Rotational Crop Study	00133417	1471	OLD	
165-1	Confined Rotational Crop Study	00129640	1471	OLD	
165-4	Accumulation in Fish	40673801	1471	OLD	
165-4	Accumulation in Fish	00155973	1471	OLD	
165-4	Accumulation in Fish	00152437	1471	OLD	
165-4	Accumulation in Fish	00145282	1471	OLD	
165-5	Accumulation in Aquatic Non-Target Organisms	00155978	1471	OLD	
165-5	Accumulation in Aquatic Non-Target Organisms	00155972	1471	OLD	
165-5	Accumulation in Aquatic Non-Target Organisms	00153631	1471	OLD	
165-5	Accumulation in Aquatic Non-Target Organisms	00147144	1471	OLD	



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	DA	TA MATRIX			
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 29 of 49
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin			
ngredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
165-5	Accumulation in Aquatic Non-Target Organisms	00144553	1471	OLD	
165-5	Accumulation in Aquatic Non-Target Organisms	00092772	1471	OLD	
N/A	Dissipation of Transferable Residues of Benefin and Trifluralin on Turf Treated with a Formulation of the Pesticides	45745601		OWN	
N/A	Dissipation of Transferable Residues of Benefin and Trifluralin on Turf Treated with a Formulation of the Pesticides Amended Report dated 12/20/99	44998301	62719	OWN	
N/A	Supplement to: A Study of Product Performance and Environmental Concerns with Irrigation Devices Containing Treflan	40987101	1471	OLD	
N/A	A Study of Product Performance and Environmental Concerns with Irrigation Devices Containing Treflan	40934201	1471	OLD	
N/A	National Pesticide Monitoring Program (Revised)	00165229	1471	OLD	
N/A	Carbon Dioxide Collection During Carbon-14 TrifluralinSoybean Experiment	00165226	1471	OLD	
N/A	A Controlled-Release Herbicide Device for Multiple- Year Control of Roots at Waste Burial Sites Journal of Controlled Release 3:47-54	00160550	1471	OLD	



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DATA MATRIX Page 30 of 49 EPA Reg No./File: Date: March 12, 2012 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: 9330 Zionsville Road **Technical Trifluralin** Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name MRID Number** Submitter **Status** Note 00146333 OLD N/A Photolysis of Trifluralin: Characterization of 1471 Azobenzene and Azoxybenzene Photodegradation Products Journal of Agricultural Food Chemistry, 28(4): 746-N/A Metabolism of Herbicides in Soil 00146332 1471 OLD Advances in Chemistry Series, No. 60, p. 250-262 N/A Fate of Nitrosamines in the Environment: Photolysis in 00144925 1471 OLD Natural Water. Presented at ACS Meeting N/A Drinking Water and Health 00142373 1471 OLD National Research Council - Washington, DC: National Academy of Sciences) 63-69 Factors Effecting Vapor Loss of Trifluralin From Soil 00142369 OLD N/A 1471 J. Agr. Food Chem. 22(6):987-991 N/A Mechanism of Trifluralin Diffusion in Silt Loam Soil 00142365 1471 OLD Weed Science 21(5):480-484 Greenhouse Carbon-14 Trifluralin Soil Degradation N/A 00141105 OLD 1471 Experiment: Final Report Aspects of Trifluralin Degradation with Special N/A 00141104 1471 OLD Reference to the Trifluoromethyl Group



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DATA MATRIX Page 31 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name MRID Number** Submitter **Status** Note Selection and Characterization of Watersheds for 00133421 1471 OLD N/A Trifluralin Field Monitoring Studies N/A Sampling of the Runoff Ponds for the Trifluralin Field 00133420 1471 OLD Monitoring Study (May-June, 1983) Special Arizona Treflan Study -- February 23-28, 1977: OLD N/A 00126074 1471 Part 1: Field Methodology Soil Degradation of Trifluralin: Mass Spectrometry of OLD N/A 00125328 1471 Products and Potential Products: Pre-RPAR Review Submission #25 Fate of 14C Trifluralin in Soil: Pre-RPAR Review OLD 1471 N/A 00125327 Submission #25 N/A Fate of Nitrosamines in the Environment: Photolysis in 1471 OLD 00125325 Natural Waters: Pre-RPAR Review Submission #25 00125298 1471 OLD N/A Summary of Field Air Monitoring Experiments: Submission at EPA/OSPR Meeting Special Treflan Field Monitoring Studies--II: Pre-00124919 OLD N/A 1471 RPAR Review Submission #15 Special Treflan Field Monitoring Studies: Pre-RPAR 00124917 1471 OLD N/A Review Submission #10 A Preliminary Photochemical Study with N/A 00124908 1471 OLD Nitrosodipropylamine: Additional Data



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DATA MATRIX Page 32 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name** MRID Number Submitter **Status** Note N/A The Environmental Fate of N-Nitrosodipropylamine: 00124907 1471 OLD A Summary: Pre-RPAR Review Submission #9 N/A Residues of Volatile Nitrosamines in Water Samples OLD 00124903 1471 from Fields Treated with Treflan: Pre-RPAR Review Submission #8 N/A General Protocol for a Treflan Field Monitoring Study 00119042 1471 OLD N/A Letter sent to J. Leary dated Nov. 11, 1964: Treflan 00105767 1471 OLD Treflan EC for Incorporation 24 Hours After N/A 00067279 1471 OLD Application Treflan EC: 8-Hour Delayed Incorporation N/A 00066083 1471 OLD Determining the Fate of Herbicides in the Ogallala 00059413 N/A 464 OLD Aquifer Introduction: Degradation of EL-179 N/A 00003261 1471 OLD Introduction: Degradation of EL-179 00002814 OLD N/A 1471 171-4(a) Nature of Residue - Plants 43569601 68156 OLD PER 171-4(a) Nature of Residue - Plants 41396802 **TDDC** PER 171-4(a) Nature of Residue - Plants 41396801 TDDC 171-4(a) Nature of Residue - Plants 41179002 TDDC PER 41179001 PER 171-4(a) Nature of Residue - Plants **TDDC**



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DATA MATRIX Page 33 of 49 EPA Reg No./File: 68156-3 Date: March 12, 2012 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference MRID Number** Number **Guideline Study Name** Submitter **Status** Note Nature of Residue - Plants 00165227 1471 OLD 171-4(a) OLD Nature of Residue - Plants 00135204 1471 171-4(a) 00135196 1471 OLD Nature of Residue - Plants 171-4(a) OLD 00131133 171-4(a) Nature of Residue - Plants 1471 Nature of Residue - Plants 00130149 1471 OLD 171-4(a) 00125301 1471 OLD Nature of Residue - Plants 171-4(a) OLD 00125299 1471 Nature of Residue - Plants 171-4(a) OLD 00124905 1471 Nature of Residue - Plants 171-4(a) OLD 00121732 1471 171-4(a) Nature of Residue - Plants 00106722 OLD 171-4(a) Nature of Residue - Plants 1471 Nature of Residue - Plants 00106720 1471 OLD 171-4(a) 00106719 1471 OLD Nature of Residue - Plants 171-4(a) 00106718 1471 OLD Nature of Residue - Plants 171-4(a) 00106717 OLD Nature of Residue - Plants 1471 171-4(a) 00106713 OLD 171-4(a) Nature of Residue - Plants 1471 Nature of Residue - Plants 00106712 1471 OLD 171-4(a) 00106711 OLD 1471 171-4(a) Nature of Residue - Plants 00106709 Nature of Residue - Plants 1471 OLD 171-4(a) 00106705 OLD 1471 171-4(a) Nature of Residue - Plants OLD 171-4(a) Nature of Residue - Plants 00105720 1471 00105715 1471 OLD 171-4(a) Nature of Residue - Plants OLD 00105692 1471 Nature of Residue - Plants

171-4(a)



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DATA MATRIX Date: March 12, 2012 Applicant's/Registrant's Name & Address: Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin Guideline Reference Number Guideline Study Name Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268 Product: Technical Trifluralin Technical Trifluralin Submitter Status Note

Guideline Reference	· ·	1			
Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(a)	Nature of Residue - Plants	00093553	1471	OLD	
171-4(a)	Nature of Residue - Plants	00093552	1471	OLD	
171-4(a)	Nature of Residue - Plants	00083027	1471	OLD	
171-4(a)	Nature of Residue - Plants	00080323	1471	OLD	
171-4(a)	Nature of Residue - Plants	00077824	1471	OLD	
171-4(a)	Nature of Residue - Plants	00067222	1471	OLD	
171-4(a)	Nature of Residue - Plants	00066161	1471	OLD	
171-4(a)	Nature of Residue - Plants	00064481	1471	OLD	
171-4(a)	Nature of Residue - Plants	00059532	1471	OLD	
171-4(a)	Nature of Residue - Plants	00029399	1471	OLD	
171-4(a)	Nature of Residue - Plants	00026054	1471	OLD	
171-4(a)	Nature of Residue - Plants	00024495	464	OLD	
171-4(a)	Nature of Residue - Plants	00024258	1471	OLD	
171 - 4(a)	Nature of Residue - Plants	00024251	1471	OLD	
171-4(a)	Nature of Residue - Plants	00024250	1471	OLD	
171-4(a)	Nature of Residue - Plants	00024248	1471	OLD	
171-4(a)	Nature of Residue - Plants	00022113	1471	OLD	
171-4(a)	Nature of Residue - Plants	00022112	1471	OLD	
171-4(a)	Nature of Residue - Plants	00002811	1471	OLD	
171-4(a)	Nature of Residue - Plants	00002810	1471	OLD	
171-4(a)	Nature of Residue - Plants	00002809	1471	OLD	
171-4(a)	Nature of Residue - Plants	00002808	1471	OLD	



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DATA MATRIX Page 35 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: Dintec Agrichemicals Name & Address: 9330 Zionsville Road Technical Trifluralin Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name MRID Number** Submitter Status Note OLD 171-4(b) Nature of Residue - Livestock 41286101 1471 171-4(b) Nature of Residue - Livestock 41233102 OLD 1471 41233101 171-4(b) Nature of Residue - Livestock 1471 OLD 171-4(b) Nature of Residue - Livestock 00105772 1471 OLD 00105748 OLD 171-4(b) Nature of Residue - Livestock 1471 171-4(b) Nature of Residue - Livestock 00105716 OLD 1471 171-4(b) Nature of Residue - Livestock 00105690 OLD 1471 171-4(b) Nature of Residue - Livestock 00105676 OLD 1471 171-4(b) Nature of Residue - Livestock 00093636 1471 OLD 171-4(b) Nature of Residue - Livestock 00093635 1471 OLD OLD 171-4(b) Nature of Residue - Livestock 00093633 1471 171-4(b) Nature of Residue - Livestock 00080322 1471 OLD 171-4(b) Nature of Residue - Livestock 00080321 OLD 1471 171-4(b) Nature of Residue - Livestock OLD 00080320 1471 171-4(b) Nature of Residue - Livestock 00080318 1471 OLD Nature of Residue - Livestock 00024293 OLD 171-4(b) 1471 171-4(c) Residue Analytical Method 44288804 68156 OLD 43622001 OLD 171-4(c) Residue Analytical Method 68156 171-4(c) Residue Analytical Method 42430806 62719 OLD 171-4(c) Residue Analytical Method 42430805 62719 OLD 171-4(c)Residue Analytical Method 42430804 62719 OLD

42430803

62719

Residue Analytical Method

171-4(c)

OLD



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DATA MATRIX Date: March 12, 2012 Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin Guideline Reference Number Guideline Study Name Guideline Study Name MRID Number Submitter Status Note 171-4(c) Residue Analytical Method 171-4(c) Residue Analytical Method 171-4(c) Residue Analytical Method 171-4(c) Residue Analytical Method 42430801 42334502 62719 OLD 171-4(c) Residue Analytical Method 42334502 62719 OLD

Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method	42430802	62719	OLD	
171-4(c)	Residue Analytical Method	42430801	62719	OLD	
171-4(c)	Residue Analytical Method	42354502	62719	OLD	
171-4(c)	Residue Analytical Method	00165228	1471	OLD	
171-4(c)	Residue Analytical Method	00165227	1471	OLD	
171-4(c)	Residue Analytical Method	00155395	1471	OLD	
171-4(c)	Residue Analytical Method	00143667	1471	OLD	
171-4(c)	Residue Analytical Method	00141257	1471	OLD	
171-4(c)	Residue Analytical Method	00141256	1471	OLD	
171-4(c)	Residue Analytical Method	00140740	1471	OLD	
171-4(c)	Residue Analytical Method	00140735	1471	OLD	
171-4(c)	Residue Analytical Method	00136773	1471	OLD	
171-4(c)	Residue Analytical Method	00135204	1471	OLD	
171-4(c)	Residue Analytical Method	00133939	1471	OLD	
171-4(c)	Residue Analytical Method	00130155	1471	OLD	
171-4(c)	Residue Analytical Method	00128308	1471	OLD	
171-4(c)	Residue Analytical Method	00125303	1471	OLD	
171-4(c)	Residue Analytical Method	00124904	1471	OLD	
171-4(c)	Residue Analytical Method	00120263	1471	OLD	
171-4(c)	Residue Analytical Method	00109359	1471	OLD	
171-4(c)	Residue Analytical Method	00105789	1471	OLD	
171-4(c)	Crop Field Trials	00105781	1471	OLD	



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DATA MATRIX Page 37 of 49 EPA Reg No./File: Date: March 12, 2012 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: 9330 Zionsville Road **Technical Trifluralin** Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name** MRID Number Submitter Status Note 171-4(c) Crop Field Trials 00105780 1471 OLD 171-4(c) Residue Analytical Method OLD 00105765 1471 171-4(c) OLD Residue Analytical Method 00105757 1471 171-4(c)Residue Analytical Method 00105755 1471 OLD 00105754 OLD 171-4(c) Residue Analytical Method 1471 171-4(c) Residue Analytical Method 00105751 OLD 1471 171-4(c) 00105750 OLD Residue Analytical Method 1471 171-4(c) Residue Analytical Method 00105749 1471 OLD OLD 171-4(c) Residue Analytical Method 00105746 1471 171-4(c) Residue Analytical Method 00105735 1471 OLD OLD 171-4(c) Residue Analytical Method 00105734 1471 171-4(c) Residue Analytical Method 00105729 1471 OLD 171-4(c) OLD Residue Analytical Method 00105727 1471 171-4(c) Residue Analytical Method OLD 00105723 1471 171-4(c) Residue Analytical Method 00105722 1471 OLD 171-4(c) Residue Analytical Method 00105721 1471 OLD 171-4(c) Residue Analytical Method 00105714 1471 OLD 171-4(c) 00105711 OLD Residue Analytical Method 1471 171-4(c) Residue Analytical Method 00105710 1471 OLD 171-4(c) Residue Analytical Method 00105695 1471 OLD 171-4(c) Residue Analytical Method 00105689 1471 OLD 171-4(c) 1471 OLD Residue Analytical Method 00105687



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DATA MATRIX Page 38 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: 9330 Zionsville Road **Technical Trifluralin** Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name** MRID Number Submitter **Status** Note 171-4(c) 00105679 OLD Residue Analytical Method 1471 171-4(c) Residue Analytical Method 00105646 1471 OLD 171-4(c) Residue Analytical Method 00104423 OLD 1471 OLD 171-4(c) Residue Analytical Method 00100763 1471 171-4(c) Residue Analytical Method 00093637 1471 OLD 171-4(c) 00093552 OLD Residue Analytical Method 1471 171-4(c) Residue Analytical Method 00071175 1471 OLD OLD 171-4(c) 00070737 Residue Analytical Method 1471 171-4(c) Residue Analytical Method 00067435 1471 OLD 00067222 OLD 171-4(c) Residue Analytical Method 1471 171-4(c) Residue Analytical Method 00066160 1471 OLD 171-4(c) 00064482 OLD Residue Analytical Method 1471 171-4(c) Residue Analytical Method 00047591 1471 OLD 00030100 OLD 171-4(c) Residue Analytical Method 464 00029399 OLD 171-4(c) Residue Analytical Method 1471 171-4(c) Residue Analytical Method 00022114 1471 OLD 00022111 171-4(c) Residue Analytical Method 1471 OLD 171-4(c) Residue Analytical Method 45125702 62719 OWN OWN 171-4(c) Residue Analytical Method 45125701 62719 171-4(e) Storage Stability 44288802 62719 OLD 171-4(e) Storage Stability 43850301 68156 OLD 171-4(e) Storage Stability 43626944 68156 OLD



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DATA MATRIX Page 39 of 49 EPA Reg No./File: 68156-3 Date: March 12, 2012 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: **Technical Trifluralin** 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference** Number **Guideline Study Name** MRID Number Submitter Status Note 43626943 68156 OLD 171-4(e) Storage Stability OLD 43626942 68156 171-4(e) Storage Stability 43626941 OLD 68156 171-4(e) Storage Stability OLD 171-4(e) Storage Stability 43626940 68156 43626939 68156 OLD 171-4(e) Storage Stability 43626938 OLD 68156 171-4(e) Storage Stability OLD 43626937 68156 171-4(e) Storage Stability OLD 43626936 68156 171-4(e) Storage Stability OLD 43626935 68156 171-4(e) Storage Stability 43626934 OLD 171-4(e) Storage Stability 68156 43626933 68156 OLD 171-4(e) Storage Stability 68156 OLD 43626932 171-4(e) Storage Stability 43626931 68156 OLD 171-4(e) Storage Stability OLD 43626930 68156 171-4(e) Storage Stability

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DATA MATRIX Page 40 of 49 EPA Reg No./File: Date: March 12, 2012 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: Technical Trifluralin 9330 Zionsville Road Indianapolis, IN 46268 Ingredient: Trifluralin **Guideline Reference MRID Number Status** Note Number **Guideline Study Name** Submitter 171-4(e) Storage Stability 43626921 68156 OLD OLD 43626920 68156 171-4(e) Storage Stability OLD 171-4(e) 43626919 68156 Storage Stability 43626918 OLD Storage Stability 68156 171-4(e) OLD 171-4(e) Storage Stability 43626917 68156 171-4(e) Storage Stability 43626916 68156 OLD 43626915 68156 OLD 171-4(e) Storage Stability 43626914 68156 OLD 171-4(e) Storage Stability OLD Storage Stability 43626913 68156 171-4(e) OLD 43626912 68156 171-4(e) Storage Stability OLD 171-4(e) Storage Stability 43626911 68156 Storage Stability 43626910 68156 OLD 171-4(e) 171-4(e) Storage Stability 43626909 68156 OLD 43626908 OLD Storage Stability 68156 171-4(e) Storage Stability 43626907 68156 OLD 171-4(e) OLD 171-4(e) Storage Stability 43626906 68156 43626905 68156 OLD 171-4(e) Storage Stability OLD 43626904 68156 171-4(e) Storage Stability Storage Stability 43626903 68156 OLD 171-4(e) 43626902 OLD 68156 171-4(e) Storage Stability OLD 171-4(e) Storage Stability 43626901 68156 41335901 1471 OLD 171-4(e) Storage Stability



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DATA MATRIX					
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 41 of 49
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin			
ngredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(e)	Storage Stability	00105720	1471	OLD	
171-4(i)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	00105772	1471	OLD	
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	41286101	1471	OLD	
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	41233102	1471	OLD	
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	41233101	1471	OLD	
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	00093636	1471	OLD	
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	00093634	1471	OLD	
171 - 4(j)	Magnitude of Residue in Meat, Milk, Poultry Eggs	00080322	1471	OLD	
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	00023105	464	OLD	
171-4(k)	Crop Field Trials	44332301	62719	OLD	
171-4(k)	Crop Field Trials	44288803	62719	OLD	
171-4(k)	Crop Field Trials	44288801	62719	OLD	
171-4(k)	Crop Field Trials	44117801	68156	OLD	
171-4(k)	Crop Field Trials	43850301	68156	OLD	
171-4(k)	Crop Field Trials	42917801	62719	OLD	



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Date: March 12, 2012 Applicant's/Registrant's Name & Address: Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268 Dintec Agrichemicals 9310 Zionsville Road Indianapolis, IN 46268 Dintec Agrichemicals 7 Froduct: Technical Trifluralin

Guideline Reference					
Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	42779001	62719	OLD	
171-4(k)	Crop Field Trials	42642601	62719	OLD	
171-4(k)	Crop Field Trials	42472302	62719	OLD	
171-4(k)	Crop Field Trials	42472301	62719	OLD	
171-4(k)	Crop Field Trials	42466010	62719	OLD	
171-4(k)	Crop Field Trials	42466009	62719	OLD	
171-4(k)	Crop Field Trials	42466007	62719	OLD	
171-4(k)	Crop Field Trials	42466006	62719	OLD	
171-4(k)	Crop Field Trials	42466005	62719	OLD	
171-4(k)	Crop Field Trials	42466003	62719	OLD	
171-4(k)	Crop Field Trials	42448203	62719	OLD	
171-4(k)	Crop Field Trials	42448202	62719	OLD	
171-4(k)	Crop Field Trials	42448201	62719	OLD	
171-4(k)	Crop Field Trials	42403201	62719	OLD	
171-4(k)	Crop Field Trials	42354501	62719	OLD	
171-4(k)	Crop Field Trials	42325001	62719	OLD	
171-4(k)	Crop Field Trials	41306701	1471	OLD	
171-4(k)	Crop Field Trials	00105733	1471	OLD	
171-4(k)	Crop Field Trials	00105731	1471	OLD	
171-4(k)	Crop Field Trials	00105730	1471	OLD	
171-4(k)	Crop Field Trials	00105727	1471	OLD	
171-4(k)	Crop Field Trials	00105726	1471	OLD	



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DATA MATRIX Date: March 12, 2012 Applicant's/Registrant's Name & Address: Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268 DATA MATRIX EPA Reg No./File: 68156-3 Product: Technical Trifluralin

Ingredient: Trifluralin

Guideline Reference					
Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	00105725	1471	OLD	
171-4(k)	Crop Field Trials	00105724	1471	OLD	
171-4(k)	Crop Field Trials	00105720	1471	OLD	
171-4(k)	Crop Field Trials	00105717	1471	OLD	
171-4(k)	Crop Field Trials	00105713	1471	OLD	
171-4(k)	Crop Field Trials	00105704	1471	OLD	
171-4(k)	Crop Field Trials	00105702	1471	OLD	
171-4(k)	Crop Field Trials	00105697	1471	OLD	
171-4(k)	Crop Field Trials	00105696	1471	OLD	
171-4(k)	Crop Field Trials	00105691	1471	OLD	
171-4(k)	Crop Field Trials	00105683	1471	OLD	
171-4(k)	Crop Field Trials	00105681	1471	OLD	
171-4(k)	Crop Field Trials	00105678	1471	OLD	
171 - 4(k)	Crop Field Trials	00105677	1471	OLD	
171-4(k)	Crop Field Trials	00105675	1471	OLD	
171-4(k)	Crop Field Trials	00105674	1471	OLD	
171-4(k)	Crop Field Trials	00105673	1471	OLD	
171 - 4(k)	Crop Field Trials	00105672	1471	OLD	
171-4(k)	Crop Field Trials	00105670	1471	OLD	
171-4(k)	Crop Field Trials	00105669	1471	OLD	
171-4(k)	Crop Field Trials	00105668	1471	OLD	
171-4(k)	Crop Field Trials	00105667	1471	OLD	



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DATA MATRIX Page 44 of 49 Date: March 12, 2012 EPA Reg No./File: 68156-3 Applicant's/Registrant's Product: **Dintec Agrichemicals** Name & Address: 9330 Zionsville Road Technical Trifluralin Indianapolis, IN 46268 Ingredient: Trifluralin Guideline Reference Number **Guideline Study Name** MRID Number Submitter Status Note OLD 171-4(k) Crop Field Trials 00105666 1471 171-4(k) Crop Field Trials 00105657 1471 OLD 00105650 OLD 171-4(k) Crop Field Trials 1471 171-4(k) Crop Field Trials 00105648 1471 OLD 171-4(k)Crop Field Trials 00105646 1471 OLD 00096361 OLD 171-4(k) Crop Field Trials 1471 171-4(k)00093637 OLD Crop Field Trials 1471 00093574 OLD 171-4(k) Crop Field Trials 1471 171-4(k) Crop Field Trials 00093555 1471 OLD 171-4(k) Crop Field Trials 00093554 1471 OLD 171-4(k) Crop Field Trials 00084581 1471 OLD 00070736 OLD 171-4(k) 1471 Crop Field Trials 00067222 1471 OLD 171-4(k) Crop Field Trials 00059531 171-4(k) Crop Field Trials 1471 OLD 00032811 171-4(k) Crop Field Trials 1471 OLD 171-4(k) Crop Field Trials 00030932 1471 OLD 00022257 171-4(k) Crop Field Trials 1471 OLD 171-4(1)Processed Food/Feed 43850301 68156 OLD Processed Food/Feed 42917801 OLD 171-4(1)62719 171-4(1)Processed Food/Feed 42779001 62719 OLD 171-4(1)Processed Food/Feed 42642601 62719 OLD 171-4(1)Processed Food/Feed 42514501 62719 OLD



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DATA MATRIX						
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 45 of 49	
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin				
ngredient: Trifluralin						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
171-4(1)	Processed Food/Feed	42448204	62719	OLD		
171-4(l)	Processed Food/Feed	42430804	62719	OLD		
171-4(1)	Processed Food/Feed	42403201	62719	OLD		
171-4(1)	Processed Food/Feed	42354501	62719	OLD		
171-4(l)	Processed Food/Feed	42325001	62719	OLD		
171-4(1)	Processed Food/Feed	41306701	1471	OLD		
171-4(1)	Processed Food/Feed	00105750	1471	OLD		
171-4(l)	Processed Food/Feed	00105726	1471	OLD		
171-4(l)	Processed Food/Feed	00105710	1471	OLD		
171-4(1)	Processed Food/Feed	00105683	1471	OLD		
171-4(l)	Processed Food/Feed	00105678	1471	OLD		
171 - 4(l)	Processed Food/Feed	00105675	1471	OLD_		
171-5	Reduction of Residues	00105754	1471	OLD		
890.1100	Amphibian Metamorphosis	48619701	62719	OWN		
890-1150	Androgen Receptor (AR) Binding (Rat Prostate Cy7tosol)	48619702	62719	OWN		
890-1150	Androgen Receptor Binding (Rat Prostate Cy7tosol)	48142101	62719	OWN		
890-1200	Aromatase (Human Recombinant)	48619703	62719	OWN		
890-1200	Aromatase (Human Recombinant)	48142101	62719	OWN		
890-1250	Estrogen Receptor (ER) Binding (Rat Uterine Cytosol)	48619704	62719	OWN		



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	DAT	A MATRIX			
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 46 of 49
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product:	Technical Trifluralin		
ngredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
890-1250	Estrogen Receptor (ER) Binding (Rat Uterine Cytosol)	48142101	62719	OWN	
890-1300	Estrogen Receptor Transcriptional Activation (Human Cell Line (HeLA-9903))	48619705	62719	OWN	
890-1300	Estrogen Receptor Transcriptional Activation (Human Cell Line (HeLA-9903))	48142101	62719	OWN	
890-1350	Fish Short Term	48619706	62719	OWN	
890-1400	Hershberger	48619707	62719	OWN	
890-1450	Female Pubertal (Rat)	48142101	62719	OWN	
890-1500	Male Pubertal (Rat)	48142101	62719	OWN	
890-1550	Steroidogenesis	48619708	62719	OWN	
890-1600	Uterotrophic	48619709	62719	OWN	
OECD 218	TR-7-Full Life-Cycle Toxicity Test with Sediment- Dwelling Midges (Chironomus riparius) Under Static Conditions, Following OECD Guideline 218	48599901	62719	OWN	
OECD 218	TR-14-Full Life-Cycle Toxicity Test with Sediment- Dwelling Midges (Chironomus riparius) Under Static Conditions, Following OECD Guideline 218	48599902	62719	OWN	



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Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin			·
ngredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OECD 219	Chronic Toxicity Study with the Midge, Chironomus riparius, Using Spiked Water in a Sediment-Water Exposure System	47807012	62719	OWN	
N/A	Trifluralin 35-Day Exposure of Fathead Minnow (Pimephales promelas) in a Sediment: Water Exposure System under Static Conditions	48526001	62719	OWN	
N/A	Dow AgroSciences' Response to the U.S. EPA Office of Pesticide Programs's (OPP) Notice for Docket ID: OPP-2004-0142, Entitled "Trifluralin; Proposed Pesticide Tolerance' for the Establishment of a Tolerance for Residues of Trifluralin in Mint and Review of Human Health and Residue Chemistry Risk Assessments and Related Materials for the Herbicide Trifluralin Tolerance Reassessment Evaluation Decision (TRED)	46454001	62719	OWN	
N/A	Response to EPA Data Review by K. Docket (July 14, 1995) Subject: Trifluralin. Response to Data Gaps in Product Chemistry	44451001	62719	OLD	
N/A	Trifluralin on Alfalfa - Summarization and Implication of the Results from Field Residue Trials	44073101	68156	OLD	



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DATA MATRIX						
Date: March 12, 2012		EPA Reg No./File:	68156-3		Page 48 of 49	
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin				
Ingredient: Trifluralin						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
N/A	Trifluralin Residue Data on Spring Planted Barley Following Fall Application of Treflan TR-10 at Increased Rates on Medium and Fine Soils for Weed Control	00157833	1471	OLD		
N/A	Residues of N-Nitrosodipropylamine and Trifluralin in Soil from Fields Treated with Treflan	00144923	1471	OLD		
N/A	Identification of Trifluralin Metabolites From Rumen Microbial Cultures: Effect of Trifluralin on Bacteria and Protozoa J. Agr. Food Chem. 19(6):1198-1204	00142371	1471	OLD		
N/A	A Study to Determine the Effect of Trifluralin Feeding on the Eyes of Young Chickens	00139645	1471	OLD		
N/A	Addendum: Trifluralin Cataractogenic Studies (Leghorn Chicks)	00105737	1471	OLD		
N/A	Radioactivity in Cigarette Smoke from Tobacco Grown in Soil Treated with C14-Diphenamid	00105712	1471	OLD		
N/A	A Study to Determine the Effect of Trifluralin Feeding on the Eyes of Young Chickens	00105671	1471	OLD		
N/A	Summary: TrifluralinAnimal Feeding Studies. Summary of studies 105544-B through 10544-I	00085734	1471	OLD		
N/A	Assays of Fat Samples From Animals on Chronic Experiments	00083651	1471	OLD		



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Date: March 12, 2012		EPA Reg No./File:	68156-3	Page 49 of 49		
Applicant's/Registrant's Name & Address:	Dintec Agrichemicals 9330 Zionsville Road Indianapolis, IN 46268	Product: Technical Trifluralin				
Ingredient: Trifluralin						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
N/A	Toxicity of Herbicides to Various Crops and Residues of Diphenamid and Other Chemicals in Soils	00029844	1471	OLD		
N/A	Annual Report: Residue Analysis Program: 1967	00005572	1471	OLD		
N/A	Annual Report Residue Analysis Program, 1967	00004778	1471	OLD		
CITE-ALL			IR-4 (959857)	PL		
CITE-ALL			Agricultural Handlers Exposure Task Force (75234)	OWN		
CITE-ALL			Agricultural Reentry Task Force (71755)	OWN		
CITE-ALL			FIFRA Endangered Species Task Force LLC (73989)	PER		
CITE-ALL			Outdoor Residential Exposure Task Force, LLC (71754))	OWN		
CITE-ALL			Spray Drift Task Force (66607)	PER		
CITE-ALL			Trifluralin Data Development Consortium (TDDC)	OWN		